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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Withdrawn – currently amended): A process of making a human-like glycoprotein in a yeast host cell which is has been genetically engineered to be diminished or depleted in the activity of an initiating α -1,6-mannosyltransferase and includes to include at least an α -1,2-mannosidase activity and a GlcNAc transferase I (GnT I) activity comprising the step of introducing into the cell a nucleic acid molecule encoding an N-acetylglucosaminyltransferase III (GnT III) catalytic activity.

Claim 2 (Withdrawn – currently amended): A process of making a human-like glycoprotein in a yeast host cell which is has been genetically engineered to be diminished or depleted in the activity of an initiating α -1,6-mannosyltransferase and includes to include at least an α -1,2-mannosidase activity and a GlcNAc transferase I (GnT I) activity comprising the step of expressing in the cell a nucleic acid molecule encoding an N-acetylglucosaminyltransferase III (GnT III) catalytic) activity.

Claim 3 (Withdrawn – currently amended): A process of making a human-like glycoprotein in a yeast host cell which is has been genetically engineered to be diminished or depleted in the activity of an initiating α-1,6-mannosyltransferase and includes to include at least an α-1,2-mannosidase activity and a GlcNAc transferase I (GnT I) activity comprising the step of expressing in the cell a nucleic acid molecules encoding one or more enzymatic activities that produce N-glycans comprising GlcNAc3Man3GlcNAc2, GlcNAc2Man3GlcNAc2 or GlcNAc2Man5GlcNAc2 bisected structures.

Claim 4 (Withdrawn – previously presented): The process of claims 1 or 2, wherein the *N*-acetylglucosaminyltransferase III (GnT III) catalytic activity produces a bisected glycan.

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Claim 5 (Withdrawn):

The process of claims 1 or 2, wherein the glycoprotein comprises a

bisected glycan.

Claim 6 (Withdrawn – previously presented):

The process of claims 1 or 2, wherein the

activity is intracellular.

Claim 7 (Withdrawn):

The process of claims 1, 2, or 3, further comprising the step of

isolating the glycoprotein from the host cell.

Claim 8 (Withdrawn – previously presented): The process of claims 1, 2, or 3, wherein the host cell is selected from the group consisting of *Pichia pastoris*, *Pichia finlandica*, *Pichia trehalophila*, *Pichia koclamae*, *Pichia membranaefaciens*, *Pichia opuntiae*, *Pichia thermotolerans*, *Pichia salictaria*, *Pichia guercuum*, *Pichia pijperi*, *Pichia stiptis*, *Pichia methanolica*, *Pichia sp.*, *Saccharomyces cerevisiae*, *Saccharomyces sp.*, *Hansenula polymorpha*, *Kluyveromyces sp.*, and *Candida albicans*,

Claim 9 (Withdrawn): The process of claim 8, wherein the host cell is selected from the group consisting of *Pichia pastoris*, *Pichia finlandica*, *Pichia trehalophila*, *Pichia koclamae*, *Pichia membranaefaciens*, *Pichia opuntiae*, *Pichia thermotolerans*, *Pichia salictaria*, *Pichia guercuum*, *Pichia pijperi*, *Pichia stiptis*, *Pichia methanolica*, and *Pichia sp.*.

Claim 10 (Withdrawn):

The process of claim 9, wherein the host cell is Pichia pastoris.

Claim 11 (Withdrawn):

The process of claims 1, 2, or 3, wherein the glycoprotein is a

therapeutic protein.

Claim 12 (Withdrawn): The process of claim 11, wherein the therapeutic protein is selected from the group consisting of erythropoietin, cytokines, coagulation factors, soluble IgE receptor α -chain, IgG, IgG fragments, IgM, interleukins, urokinase, chymase, urea trypsin inhibitor, IGF-binding protein, epidermal growth factor, growth hormone-releasing factor, annexin V fusion protein, angiostatin, vascular endothelial growth factor-2, myeloid progenitor inhibitory factor-1, osteoprotegerin, α -1-antitrypsin, α -feto protein, and DNase II.

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Claims 13-75 (Cancelled)

Claim 76 (Currently amended): A yeast host cell which is has been genetically engineered to be diminished or depleted in the activity of an initiating α-1,6-mannosyltransferase and includes to include at least an α-1,2-mannosidase activity and a GlcNAc transferase I (GnT I) activity comprising a nucleic acid molecule encoding an N-acetylglucosaminyltransferase III (GnT III) catalytic activity.

Claim 77 (Previously presented): The host cell of claim 76, wherein the catalytic activity is intracellular.

Claim 78 (Currently amended): The host cell of claim 76, wherein the cell <u>further includes</u> a <u>nucleic acid molecule encoding a mannosidase II produces N-glycans comprising</u>

GleNAcMan3GleNAc2-structures that are capable of reacting with the GnT III catalytic activity.

Claim 79 (Previously presented): The host cell of claim 76, wherein the *N*-acetylglucosaminyltransferase III (GnT III) catalytic activity produces a bisected glycan.

Claim 80 (Previously presented): The host cell of claim 76, wherein the host cell is selected from the group consisting of Pichia pastoris, Pichia finlandica, Pichia trehalophila, Pichia koclamae, Pichia membranaefaciens, Pichia opuntiae, Pichia thermotolerans, Pichia salictaria, Pichia guercuum, Pichia pijperi, Pichia stiptis, Pichia methanolica, Pichia sp., Saccharomyces cerevisiae, Saccharomyces sp., Hansenula polymorpha, Kluyveromyces sp., and Candida albicans.

Claim 81 (Currently amended): A yeast host cell which is has been genetically engineered to be diminished or depleted in the activity of an initiating α-1,6-mannosyltransferase and includes to include at least an α-1,2-mannosidase activity and a GlcNAc transferase I (GnT I) activity comprising a nucleic acid molecule encoding an N-acetylglucosaminyltransferase II (GnT II) catalytic activity and a nucleic acid molecule encoding an N-acetylglucosaminyltransferase III (GnT III) catalytic activity.

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Claim 82 (Previously presented): The host cell of claim 81, wherein the catalytic activity is intracellular.

Claim 83 (Currently amended): The host cell of claim 81, wherein the cell <u>further includes</u>
a nucleic acid molecule encoding a mannosidase II produces N-glycans comprising
GleNAcMan3GleNAc2 structures that are capable of reacting with the GnT III catalytic activity.

Claim 84 (Previously presented): The host cell of claim 81, wherein the N-acetylglucosaminyltransferase III (GnT III) catalytic activity produces a bisected glycan.

Claim 85 (Previously presented): The host cell of claim 81, wherein the host cell is selected from the group consisting of Pichia pastoris, Pichia finlandica, Pichia trehalophila, Pichia koclamae, Pichia membranaefaciens, Pichia opuntiae, Pichia thermotolerans, Pichia salictaria, Pichia guercuum, Pichia pijperi, Pichia stiptis, Pichia methanolica, Pichia sp., Saccharomyces cerevisiae, Saccharomyces sp., Hansenula polymorpha, Kluyveromyces sp., and Candida albicans.

Claim 86 (Currently amended): A yeast host cell which is has been genetically engineered to be diminished or depleted in the activity of an initiating α -1,6-mannosyltransferase and includes to include at least an α -1,2-mannosidase activity and a GlcNAc transferase I (GnT I) activity comprising a nucleic acid molecule encoding an N-acetylglucosaminyltransferase III (GnT III) catalytic activity and a nucleic acid molecule encoding a mannosidase II catalytic activity.

Claim 87 (Currently amended) The host cell of claim 86, further comprising a nucleic acid molecule encoding an N-acetylglucosaminyltransferase II (GnT II) catalytic activity.

Claim 88 (Previously presented) The host cell of claim 76 that is deficient in an *OCH1* mannosyltransferase activity.

Claim 89 (Previously presented) The host cell of claim 81 that is deficient in an *OCH1* mannosyltransferase activity.

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Claim 90 (Previously presented)

The host cell of claim 86 that is deficient in an OCH1

mannosyltransferase activity.

Claim 91 (Previously presented) The host cell of claim 76 that is deficient in the Dol-P-

Man:Man5GlcNAc2-PP-Dol mannosyltransferase activity.

Claim 92 (Previously presented) The host cell of claim 81 that is deficient in the Dol-P-

Man:Man5GlcNAc2-PP-Dol mannosyltransferase activity.

Claim 93 (Previously presented) The host cell of claim 86 that is deficient in the Dol-P-

Man:Man5GlcNAc2-PP-Dol mannosyltransferase activity.

Claim 94 (Previously presented)

The host cell of claim 76, further comprising a UDP-

GlcNAc transporter.

Claim 95 (Previously presented)

The host cell of claim 81, further comprising a UDP-

GlcNAc transporter.

Claim 96 (Previously presented)

The host cell of claim 86, further comprising a UDP-

GlcNAc transporter.

Claim 97 (New) The host cell

The host cell of claim 76, wherein the yeast is a methylotrophic yeast.

Claim 98 (New)

The host cell of claim 81 wherein the yeast is a methylotrophic yeast.

Claim 99 (New)

The host cell of claim 86, wherein the yeast is a methylotrophic yeast.